

Shasha Chong

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,597
citations

686830

13
h-index

1058022

14
g-index

16
all docs

16
docs citations

16
times ranked

4411
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging dynamic and selective low-complexity domain interactions that control gene transcription. <i>Science</i> , 2018, 361, .	6.0	750
2	Overcoming the bottleneck to widespread testing: a rapid review of nucleic acid testing approaches for COVID-19 detection. <i>Rna</i> , 2020, 26, 771-783.	1.6	426
3	Mechanism of Transcriptional Bursting in Bacteria. <i>Cell</i> , 2014, 158, 314-326.	13.5	354
4	Imaging chromophores with undetectable fluorescence by stimulated emission microscopy. <i>Nature</i> , 2009, 461, 1105-1109.	13.7	255
5	Probing Allostery Through DNA. <i>Science</i> , 2013, 339, 816-819.	6.0	243
6	Ground-State Depletion Microscopy: Detection Sensitivity of Single-Molecule Optical Absorption at Room Temperature. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3316-3322.	2.1	132
7	Tuning levels of low-complexity domain interactions to modulate endogenous oncogenic transcription. <i>Molecular Cell</i> , 2022, 82, 2084-2097.e5.	4.5	89
8	Impaired cell fate through gain-of-function mutations in a chromatin reader. <i>Nature</i> , 2020, 577, 121-126.	13.7	84
9	Label-free imaging of heme proteins with two-photon excited photothermal lens microscopy. <i>Applied Physics Letters</i> , 2010, 96, .	1.5	76
10	An Extensive Ylide Thermodynamic Stability Scale Predicted by First-Principle Calculations. <i>Journal of Organic Chemistry</i> , 2009, 74, 810-819.	1.7	56
11	TRIM8 modulates the EWS/FLI oncoprotein to promote survival in Ewing sarcoma. <i>Cancer Cell</i> , 2021, 39, 1262-1278.e7.	7.7	49
12	O ² H Bond Dissociation Enthalpies of Oximes: A Theoretical Assessment and Experimental Implications. <i>Journal of Physical Chemistry A</i> , 2007, 111, 13112-13125.	1.1	34
13	Towards Decoding the Sequence-Based Grammar Governing the Functions of Intrinsically Disordered Protein Regions. <i>Journal of Molecular Biology</i> , 2021, 433, 166724.	2.0	29
14	Ring Opening versus Ring Expansion in Rearrangement of Bicyclic Cyclobutylcarbinyl Radicals. <i>Journal of Organic Chemistry</i> , 2008, 73, 974-982.	1.7	12